

Date: Wed, 6 Jan 93 17:06:09 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #29
To: Info-Hams

Info-Hams Digest Wed, 6 Jan 93 Volume 93 : Issue 29

Today's Topics:

(none)
 1200Mhz is not a microwave band!
 1200Mhz is not a microwave band?
 AA4RE
 Freq's wanted for Tampa area
 Intermod vs. Spurious Signals (Re: Yaesu FT530 HT first impressi
 Morality vs. THE LAW
 Need a 3rd hand for Soldering!? (4 msgs)
 Origin of "88's" and "73's" ?
 TU All
 WWV Phone number? (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 6 Jan 93 23:17:08 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

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In article <1993Jan4.222522.20042@news.columbia.edu>
hyx1@cunib.cc.columbia.edu (Harry Y Xu) writes:
>I always feel like my 2 hands are not enough when soldering.
>1 hand holds the soldering iron;
>1 holds the solder;
>another hand is needed to hold the component, or the pliers that
hold the
```

>component to prevent over-heating.
>
>Does anyone have a smart solution?

Sure! I hold the soldering iron between my toes and the solder between my teeth (being sure not to swallow any). This leaves two hands free :)

Date: 6 Jan 93 22:20:34 GMT
From: ogicse!emory!sol.ctr.columbia.edu!howland.reston.ans.net!zaphod.mps.ohio-state.edu!n8emr!gws@network.UCSD.EDU
Subject: 1200Mhz is not a microwave band!
To: info-hams@ucsd.edu

Not to be too picky, but 1200Mhz is but a single freq..
How many hz does it take to make a band??? 1...2.....3...crunch?
--

Gary W. Sanders gws@n8emr.cmhnet.org, 72277,1325
N8EMR @ N8JYV (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553 (1200/2400/V.32/PEP) Voice: 614-895-2552 (eves/weekends)

Date: 6 Jan 93 18:20:49 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: 1200Mhz is not a microwave band?
To: info-hams@ucsd.edu

In article <9301041945.aa10639@ingate.microsoft.COM>,
a-kevinp@microsoft.COM (Kevin Purcell, Rho) wrote:
> As I say above: 900 and 1200Mhz are not microwave bands. They are UHF bands.

Kevin-

Who says 1200 MHz isn't a microwave band?

There is currently a Motorola microwave system in use here at the Kennedy Space Center, operating in the 900 MHz region. It is used to provide several voice channels between the Launch Control Center and the Crawler/Transporters, while they travel between the VAB and the Pads.

The letter designations of microwave bands, such as L-Band, S-Band, et cetera, includes the P-Band: 225-395 MHz!

By the way, these letter designations were apparently originated by the old Sperry Electronic Tube division, when they arbitrarily chose them to

indicate the frequency range of their microwave tubes. This was probably over 40 years ago, before they moved to Florida.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

(Former Sperry employee!)

Date: 6 Jan 93 23:02:56 GMT
From: news-mail-gateway@ucsd.edu
Subject: AA4RE
To: info-hams@ucsd.edu

Hello net.

Is AA4RE on the net? If so I have a question about his software.
If he is not, I still have the question.
Is there a AA4RE user/sysop out there?

Thanks 73
de Roland 7j1aki@7j1aaa.10.jnet1.jpn.as

or asqp-nbf@zama-emh1.army.mil

Date: Wed, 6 Jan 1993 21:10:10 GMT
From: indetech!cirrus!gopal@uunet.uu.net
Subject: Freq's wanted for Tampa area
To: info-hams@ucsd.edu

In article <1993Jan5.122958.5334@cs.ruu.nl> jaap@cs.ruu.nl (Jaap Romers) writes:
>I will visit Florida end of this month and I am looking for frequencies
>(Tower/Approach) of airports in the Tampa area.
>I am interested in Tampa Int Airport, St. Petersburg Int. Airport

Tampa Int TWR 119.5, 119.05 APCH 118.8, 126.0, 134.25
St Pete Int TWR 118.3 APCH 125.3

Gopal
--

Gopal Ramachandran <gopal@cirrus.com>
UUCP: uunet!cirrus.com!gopal
Cirrus Logic Inc, Fremont CA PH: (510)-226-2138 FAX: (510)-226-2160

Date: Wed, 06 Jan 93 17:29:24 EST
From: agate!usenet.ins.cwru.edu!wariat!dreaml!jga@ames.arpa
Subject: Intermod vs. Spurious Signals (Re: Yaesu FT530 HT first impressi
To: info-hams@ucsd.edu

randall@informix.com (Randall Rhea) writes:

> Spurious signals are a problem on all reasonably priced handheld
> DC-to-daylight receivers I've ever used, including handheld scanners,
> HTs, and multiband radios. When you get something, you give up
> something. If you want the extended receive, you get spurious
> signals along with it. Some receivers are worse than others
> though.

Well, of the three radios I've had (Alinco DJ-580, Yaesu FT-470 and
FT-530), the 530 is absolutely awful!! I can't express how bad! I live in a
suburban area where intermod (or spurious signals) isn't usually a problem.
I called Yaesu and they said that my report was the first of the problem. I
plan on calling back tomorrow. If they can fix the problem, I'm keeping the
radio. If not, I'm trading it for another similar radio by a different
company.

-j

--
| | | | -Jon Anhold N8USK- @ Dreamland Network Systems
+--+---+--+ (...{uunet|backbone}!dreaml!jga) (jga@dreaml.wariat.org)
| # | | | Packet: N8USK @ N08M TCP/IP: n8usk@dreaml.ampr.org
"It's a fax from your dog, sir. It looks like your cat."

Date: 6 Jan 93 20:36:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Morality vs. THE LAW
To: info-hams@ucsd.edu

I have been reading the thread on open versus closed repeaters and while
there are some interesting points being made, a lot of it is just the same
old battle of how you want to interpret FCC regulations to your own personal
advantage. No winner of that debate is ever possible, and the only reason
to continue that line of conversation is for the enjoyment of an argument
unto itself, which is fine... just let's call it for what it is.

On the subject of repeaters... (open versus closed), it seems like a very simple matter to me.

Repeaters cost money. Regardless of where they are, what they do, packet, voice, VHF/linked/micro-processor controlled... whatever.. they cost money.

It seems to me that a decent sort of human being would at least offer to help defray expenses if he found the features (or whatever else) of a "system" enjoyable for him or her to use.

Some people, being really cheap and selfish, would like to have everything they can get for as little money as possible. Thus they try to think of any and every possible reason as to why anything and everything should be theirs to use, free of ANY POSSIBLE legal or moral argument otherwise.

After a certain period of time, responsible people get tired of this attitude but find their hands tied on what to do about it. You can't legislate morality, so some of them go the "closed repeater" route. I am not talking about PL being used for the reduction of repeater to repeater interference, I am simply talking about closing a repeater in an attempt at keeping out the people that want everything for nothing.

And from there.. things just tend to go downhill as has been demonstrated in this thread but I sure can understand their feelings.

The matter of transmitting on repeater inputs, link inputs, you name it, and the argument that it is "legal" as long as the frequency is not already in use is just amazing. The thought that one ham... just ONE HAM, has the legal right to bypass all the efforts, planning, expense of whole GROUPS of clubs, coordination groups, you name it... is just mind boggling. The idea that anyone would ESPOUSE such an action, insinuating that it is just an expression of a hams "rights" or is "legal", is a sick puppy.

Put very simply... it appears that there is a certain element among us that says: "It's A-OK to be a total jerk, with no morality, no responsibility to the whole...as long as it can be in some way argued to be LEGAL". You talk about what's wrong with amateur radio? If you can't see this kind of logic as being a strong indicator... then you must be one of them! When we have people that argue that being an ASS is A-OK as long as it is LEGAL, you have summed up the hobbies problem in a nutshell!

Sure, there probably are elitist groups that use a closed repeater simply to exercise their extreme prejudices but even these probably grew from ones that simply got tired of the "something for nothing" crowd.

So let's get back to basics.. let's call a spade a spade.. and not confuse the issue with a lot of legal drive!

1. Anyone who runs packet, or a simplex conversation on a voice repeater input ON PURPOSE is doing so because he wants to cause pain and aggravation to some other person. I don't give one HOOT what the law says or implies. *I* say that anyone that espouses such a thing or does such a thing is a LID (I am biting my tongue for want of a BETTER word).
2. Anyone that wants to use, is using, plans on using ANY system built but someone else on a regular basis should offer to help PAY for it, or contribute to keep it going. Anyone that feels this is not necessary is a FREELOADER and AGAIN is a *LID*.
3. When a ham is a LID he or she should be ostracized and held up for public contempt and not defended under some possible loophole envisioned by some sea lawyer who reads FCC regulations as a pastime.
4. Anyone who DEFENDS the actions of a LID (legal or not).... IS A LID!

Yes...yes... yes... I am sure there are exceptions to the above.. and I am SURE than someone will take great pleasure in pointing them out, but I truly think that in the MAJORITY of cases, the previous paragraphs sum it up very nicely.

There are GIVERS... and there are TAKERS... there are NICE PEOPLE and there are ASSHOLES. I personally would like to be remembered as a nice person and a giver. Others are so sick that they prefer the other definitions. However, don't try to convince me that being an "asshole" and a "taker is your "legal right" thus it must be an OK thing. I don't BUY that, and neither does any other sane ham. And let me distinguish here between a HAM and a person LICENSED TO OPERATE ON AMATEUR FREQUENCIES! There was a time when in most cases the two terms were synonymous, that is obviously no longer the case in a percentage of people that appears to be growing every day.

Mark Bitterlich
wa3jpy@wb4uou.nc.usa.noam
mgb@tecnet1.jcte.jcs.mil

Date: Wed, 6 Jan 1993 21:14:00 GMT
From: rosevax!flower!scotbri@uunet.uu.net
Subject: Need a 3rd hand for Soldering!?
To: info-hams@ucsd.edu

Date: Wed, 6 Jan 1993 23:05:53 GMT
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!cbnews!
jeffj@network.UCSD.EDU
Subject: Need a 3rd hand for Soldering!?
To: info-hams@ucsd.edu

In article <1993Jan6.211400.23948@rosevax.rosemount.com>
scotbri@flower.samsung.com (Scott Brigham, corp, flower) writes:
>From article <1993Jan5.130920.2759@cas.org>, by vjh21@cas.org (Vince Herried ext
2877):
>I bought one these very things at Radio Hack. And I think it was
>actually called "The Third Hand"(tm)!.

I found one of those in a box of junk that I bought at our club's Ham
Radio auction. I put it together and found it to be the handest little
gadget that I have ever used! If you are going to do any soldering of
anything at all, get it! 73!

Jeff

--

Jeff Jones AB6MB | Hooker : I'll do anything for \$50!
jeffj@seeker.mystic.com | Henny Youngman: Will you paint my house?
Infolinc BBS 415-778-5929 |

Date: 6 Jan 93 23:11:57 GMT
From: eram!dave@midway.uchicago.edu
Subject: Need a 3rd hand for Soldering!?
To: info-hams@ucsd.edu

In article <1993Jan05.224804.21875@cmhcsys.cmhcsys.com>,
chuck@cmhcsys.cmhcsys.com (Chuck Stickelman) writes:

| I've been known to use my teeth to hold the solder. Not an eligant solution
| but it works in a pinch.

Strewth! And you show no symptoms of lead poisoning?

--

Dave Horsfall (VK2KFU) VK2KFU @ VK2RWI.NSW.AUS.OC
dave@esi.COM.AU ...muninari!esi.COM.AU!dave

Date: Wed, 6 Jan 1993 20:26:27 GMT
From: sdd.hp.com!hpscit.sc.hp.com!hplextra!hpl-opus!hpnmdla!alanb@network.UCSD.EDU
Subject: Need a 3rd hand for Soldering!?
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, hyx1@cunib.cc.columbia.edu (Harry Y Xu) writes:

>I always feel like my 2 hands are not enough when soldering.
>1 hand holds the soldering iron;
>1 holds the solder;
>another hand is needed to hold the component, or the pliers that hold the
>component to prevent over-heating.

Back in the days of germanium transistors, point-contact diodes and 300W soldering irons, overheating could be a problem. But most modern components should need no heat-sinking so long as you use a small-wattage (like 35 W or so) iron.

AL N1AL

Date: 6 Jan 93 21:44:47 GMT
From: olivea!hal.com!darkstar.UCSC.EDU!cats.ucsc.edu!haynes@uunet.uu.net
Subject: Origin of "88's" and "73's" ?
To: info-hams@ucsd.edu

In article <21870017@hplvec.LVLD.HP.COM> tcline@hplvec.LVLD.HP.COM (Ted Cline) writes:

>I'm interested in these old number codes.
>----> What is the origin of "88's" and "73's" ?
>----> Were there others, now no longer used?

Well, you need to look through some old telegraphic instruction books. I've just been looking at some (but don't have any here, as they came via interlibrary loan and had to go back whence they came (where probably nobody has looked at one of them in the past 70 years, but I digress...))

An earlier meaning of '73' was approximately "Please accept our sincere compliments."

One thing you can readily get is "Railroad Telegrapher's Handbook", 60 pages, \$11.95 ppd from Artifax Books, Box 88-D, Maynard, MA 01754. This is a recently-written book containing information condensed from several of the old instruction books, tells about how to run a railroad using telegraphy. (I'm not an advertiser, just a satisfied customer.) The bibliography in this book will point you to the older books from

which it was compiled, should you wish to try a good library or the old book trade. I don't have my copy here - email me if you want to know more.

--

haynes@cats.ucsc.edu
haynes@cats.bitnet

"Ya can talk all ya wanna, but it's dif'rent than it was!"
"No it aint! But ya gotta know the territory!"
Meredith Willson: "The Music Man"

Date: Wed, 6 Jan 1993 22:18:47 GMT
From: usc!howland.reston.ans.net!sol.ctr.columbia.edu!news.columbia.edu!
cunixb.cc.columbia.edu!hyx1@network.UCSD.EDU
Subject: TU All
To: info-hams@ucsd.edu

To every who reads and posts to this group:
Thank you all for the info.
It's been very helpful, informative, and fun.

Cheers,

Harry Xu | "The belief in a supernatural source of evil is not necessary;
(KB2LHA/AG) | men alone are quite capable of every wickedness." --J. Conrad

Date: 6 Jan 93 12:11:48 PST
From: psinntp!sfpp.com!longo@uunet.uu.net
Subject: WWV Phone number?
To: info-hams@ucsd.edu

In article <930106.091519@3Mail.3Com.COM>, Peter_Simpson@3mail.3com.COM writes:

>
> I seem to have misplaced the telephone number for WWV's time
> service. Could some kind person who knows it, please email me
> the number (I seem to remember it's a toll call to Colorado)
>
> Thanks
> Pete, KA1AXY
>
> Peter_Simpson@3com.com
>

--

The ACTS (Automated Computer Time Service, call with a modem) is (303)494-4774.
The voice time announcement is (303)499-7111.

=====

Bob Longo (longo@sfpp.com)
Santa Fe Pacific Pipelines
Los Angeles, CA

Date: 6 Jan 93 23:13:14 GMT
From: micro-heart-of-gold.mit.edu!eddie.mit.edu!alleggra!rfc@RUTGERS.EDU
Subject: WWV Phone number?
To: info-hams@ucsd.edu

In article <930106.091519@3Mail.3Com.COM> Peter_Simpson@3mail.3com.COM writes:
>

>I seem to have misplaced the telephone number for WWV's time
>service. Could some kind person who knows it, please email me
>the number (I seem to remember it's a toll call to Colorado)

1-303-499-7111

Same audio you get on the radio. (least it sounds the same!)

Date: 6 Jan 93 17:52:24 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
To: info-hams@ucsd.edu

References <1993Jan5.085312.22208@ringer.cs.utsa.edu>,
<1993Jan5.161735.17871@ke4zv.uucp>, <1icp0aINNmiv@transfer.stratus.com>
Subject : Re: QSL cards from SWLers (was Re: Ham transmissions-a hypothetical
situation)

In article <1icp0aINNmiv@transfer.stratus.com>, fms@sw.stratus.com (Faith
Senie) wrote:

> What does one reply to a SWL card? I got one recently, and didn't realize
> that some sort of reply was appreciated. Just a note saying thanks? or is
> there something more that should be done? I'd hate to leave the guy hanging
> if he's expecting some sort of reply...

Faith-

The primary objective of ShortWave Listening seems to be the collection of
QSL cards. Although a letter or postcard would be better than nothing, I'm
sure a Ham QSL card is what the SWL would prefer.

I suppose I would be flattered if I received an SWL card. I spent most of
my first 15 years as a Ham on AM, before getting an SSB rig. As I recall,
I received only one SWL card during that time!

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: 6 Jan 93 22:56:40 GMT

From: noc.near.net!transfer.stratus.com!bigbootay.sw.stratus.com!

leadfoot@uunet.uu.net

To: info-hams@ucsd.edu

References <1iddd6INNhfi@tamsun.tamu.edu>, <1idghsINN1pa@transfer.stratus.com>,
<8355@lib.tmc.edu>p

Subject : Re: Closed repeaters

In article <8355@lib.tmc.edu>, jmaynard@oac.hsc.uth.tmc.edu (Jay Maynard) writes:

|> In article <1idghsINN1pa@transfer.stratus.com>

leadfoot@bigbootay.sw.stratus.com (Mark Curtis) writes:

|> >That pair could be shared with ten other machines just like it using PL/CTCSS

|> >and no one would even notice. People using simplex freqs do it all the

|> >time, I know I do. But getting them to go along with this is impossible.

|> >All you get is "Why should I? The coordinator gave me the pair. It's

|> >my frequency get lost."

|>

|> How do you propose to fix this? Be specific.

Require PL/CTCSS on all machines, TX and RX, on 144, 220, and 440.

Add a warning that 10, 6, 900, and 1280 machines may in the future

require the same. Allow multiple repeaters on these low usage closed

pairs. If they scream, tough, the coordinator never owned the frequencies

anyway. Only coordinate high level/high power repeaters if they agree

to allow ANY user to use the basic repeat function of the machine.

They don't have to allow Phone Patch/DVR/Linking/etc., just the basic

TX on the input and RX on the output.

Great examples of these kinds of machines here are 224.180- (KU6V) and

1286.0- (KJ6NN). Both of these machines have great coverage and are

open to all for the basic repeater function. After that if you want

access to more functions you have to talk to the trustee. Both are great

machines with very reasonable owners, too bad there aren't more people

like this.

|> >If you aren't actively using the frequency get out of the way. If you

|> >don't want someone else's signal repeated turn the thing off. Not using

|> >the frequency and then screaming when someone, who has equal right to,

|> >does is a joke. There isn't room for that kind of operation on the

|> >VHF/440 bands anymore. Stop crying and start sharing, the world is

|> >getting crowded.

|> The folks you're now complaining about were told the exact same thing about 2
|> meters then: There isn't room for you on here. Go to 440 if you want to do
|> that.
|> Now that dual-band rigs are getting popular, you want to change the rules on
|> them. Is that fair?

Who said life was fair? Grow up! The coordinator at that time didn't think about the future and growth. So now he has to admit he was short sighted and get on with fixing the mistake. No big deal, happens all the time. People who moved out into the suburbs 30 years ago thought that they would have an easy commute forever too, but look at it now. As the world gets more crowded these things happen.

Date: (null)

From: (null)

At the local "real" electronics store they had a thing that looked like a gooseneck lamp with a BMF spring clip where the light fixture would be. It looked real useful but they wanted some outrageous price (like \$29.95) for it.

=====
scotbri@rosemount.com
Scott Brigham (AA0HU)
St. Paul, MN USA
=====

Date: 7 Jan 93 00:15:42 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!olivea!charnel!

jmeyers@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Jan5.152228.17121@ke4zv.uucp>, <_a92f-+@rpi.edu>,

<1993Jan6.133314.26247@ke4zv.uucp>ers

Subject : Re: Yeasu FT-470 mods?

In article <1993Jan6.133314.26247@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman) writes:

>>Gary, I've been trying to keep myself as complete a list of mods for the 470
>>as I can, but do not recall ever seeing the drop-in charger mod you mention.
>>Would you be so kind as to post it here? I am assuming it if for the NC-29
>>(that's what I currently have).

>

>The "mod" is simple, unplug it and hook shot it into the nearest
>circular file. :-) Seriously, this battery eater is not worth keeping,
>get the NC-42 and shave the ridge that keeps 470 batteries out of it
>off with an Exacto knife or a Dremel tool. The 42 is a pulse charger
>with terminal charge sensing by the voltage droop method. It won't
>hurt a partially charged battery like the 29 will, and it won't start
>*another* 5 hour charge cycle if the power bumps in the night.

I have the NC-29 (modified) and think it is decent. With the modification,
you don't have to quick charge for the full 5 hours, but can run the timer
down to whatever you want. I agree that if the power goes off/on during the
night, it could cause problems. Maybe the "run down timer button" should
be a switch that you leave "on" so if the power does go out, it will fall back
to trickle charge...

--

```
=====
| Jeff Meyers      | jmeyers@ecst.csuchico.edu      | 39x43'N 121x48'W |
| Chico, Ca 95926 | KD6DIS@KE6LW.#NOCAL.CA.USA.NA | Grid: CN80-CM99 ?? |
=====
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End of Info-Hams Digest V93 #29
